

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
14 July 2005 (14.07.2005)

PCT

(10) International Publication Number
WO 2005/064009 A1

- (51) International Patent Classification⁷: **C12Q 1/68**
- (74) Agent: **HØIBERG A/S**; Store Kongensgade 59 A, DK-1264 Copenhagen K (DK).
- (21) International Application Number:
PCT/DK2004/000914
- (22) International Filing Date:
23 December 2004 (23.12.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
PA 2003 01940 27 December 2003 (27.12.2003) DK
PA 2004 00096 24 January 2004 (24.01.2004) DK
PA 2004 00586 7 April 2004 (07.04.2004) DK
PA 2004 01843 26 November 2004 (26.11.2004) DK
- (71) Applicant (for all designated States except US): **AROS APPLIED BIOTECHNOLOGY APS** [DK/DK]; c/o Østjysk Innovation, Gustav Wieds Vej 10, DK-8000 Århus C (DK).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **ØRNTOFT, Torben, Falck** [DK/DK]; Helgesvej, 19, DK-8230 Aabyhøj (DK). **JENSEN, Jens, Ledet** [DK/DK]; Flintebakken 146B, DK-8240 Risskov (DK). **KRUHØFFER, Mogens** [DK/DK]; Espedalen 68, DK-8240 Risskov (DK). **LAIHO, Päivi** [FI/FI]; Torkkelinkuja 16 A 16, FI-00500 Helsinki (FI). **AALTONEN, Lauri, A.** [FI/FI]; Telämäentie 18, FI-02170 Espoo (FI).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CLASSIFICATION OF CANCER

(57) Abstract: The invention discloses a method for classification of cancer in an individual having contracted cancer. The method of classification involves the determination of microsatellite status and a prognostic marker by examining gene expression patterns. The invention also relates to various methods of treatment of cancer. Additionally, the present invention concerns a pharmaceutical composition for treatment of cancer and uses of the present invention. The invention also relates to an assay for classification of cancer.

WO 2005/064009 A1